

# **NUTRITION AND CANCER PREVENTION RESEARCH PRACTICUM**

**March 16-20, 2009**

**Nutritional Science Research Group, Division of Cancer Prevention  
National Cancer Institute  
&  
Clinical Center, Department of Nutrition**

**National Institutes of Health  
Dept. of Health and Human Services**

**6130 Executive Boulevard, Conference Rooms CDE  
Rockville, MD**

**MONDAY, MARCH 16, 2009**

**8:00 – 9:20 am**

Merel Kozlosky, MS, RD  
Director, NIH Dietetic Internship

*Breakfast sponsored by the Northern Virginia Dietetic Association*

**9:20 – 9:30 am**

**Executive Plaza North Conference Rooms CDEF**

**Meet and Greet**

Elaine Trujillo, MS, RD  
NSRG, NCI

**Welcome Remarks, Perspectives on Nutrition and Cancer Prevention**

Dr. John Milner, Chief, Nutritional Science Research Group  
DCP, NCI

**9:40 – 10:00 am**

**Clinical Studies: Trials and Tribulations in Dealing with Diet**

Dr. Peter Greenwald, Director, DCP, NCI

**10:10 – 10:30 am**

**SEER Data on Cancer Trends**

Dr. Brenda Edwards  
Division of Cancer Control and Population Sciences, NCI

**BREAK**

**11:00 – 11:30 am**

**Principles of Functional Foods, Bioactive Food Components and the Omics**

Dr. John Milner  
Nutritional Science Research Group, NCI

**11:40 – 12:00 pm**

**Molecular Basis for Cancer Prevention by Cruciferous Vegetables**

Dr. Young Kim  
Nutritional Science Research Group, NCI

**LUNCH (on your own)\***

**1:30 – 1:50 pm**

**Folate**

Dr. Mary Frances Picciano  
Office of Dietary Supplements, NIH

***Polyphenols***

**2:00 – 2:20 pm**

**Flavonoids**

Dr. Johanna Dwyer  
Office of Dietary Supplements, NIH

**2:30– 2:50 pm**

**Berries and Cancer Prevention**

Dr. Gerd Bobe  
Cancer Prevention Fellow, NCI

**3:00 – 3:20 pm**

**Soy and Genistein**

Dr. Leena Hilakivi-Clarke  
Georgetown University

**BREAK**

**Tea Time - sponsored by the Virginia Dietetic Association**

**4:00 – 4:20 pm**

**Tea and Tea Polyphenols**

Dr. Sharon Ross  
Nutritional Science Research Group, NCI

**4:30 – 4:50 pm**

**Selenium**

Dr. Petra (Peko) Tsuji  
Nutritional Science Research Group, NCI

**4:50 – 5:00 pm**

**Wrap-up**

**Total CPEUs: 7.0**



**TUESDAY, MARCH 17, 2009**

**Split Sessions –see Tuesday group placement list**

**GROUP 1**

**9:00 - 12:00 pm**

**Introduction to Database Applications**

**Dr. Jackie Whitted**

Nutritional Science Research Group

Division of Cancer Prevention, NCI

**Dr. Susan Pilch**

National Institutes of Health Library, NIH

**Location:** Executive Plaza South (lower level), Training Room 2

LUNCH (please brown bag lunch on this day)

*Meet in front of 6130 Executive Blvd at 12:45 pm for shuttle to USDA Beltsville.*

**1:30 – 4:00 pm**

**Clinical Intervention Studies**

Dr. David Baer and colleagues

USDA Beltsville

Bldg 307/B

**Tour of Metabolic Kitchen**

USDA, Beltsville, MD

**5:00 pm**

Arrive back at Executive Plaza (approximate time)

**GROUP 2** *(Meet in front of 6130 Executive Blvd at 8 am for shuttle to USDA Beltsville)*

**9:00 – 11:30 am**

**Clinical Intervention Studies**

Dr. David Baer and colleagues

USDA Beltsville

Bldg 307/B

**12:30 pm**

Arrive back at Executive Plaza (approximate time)

LUNCH (please brown bag lunch on this day)

**1:00 – 4:00 pm**

**Introduction to Database Applications**

**Dr. Jackie Whitted**

Nutritional Science Research Group

Division of Cancer Prevention, NCI

**Dr. Susan Pilch**

National Institutes of Health Library, NIH

**Location:** Executive Plaza South (lower level), Training Room 2

**6 PM**

**Reception**

Tia Queta Mexican Restaurant

*Sponsored by the American Dietetic Association*

**Total CPEUs: 5.5**

**TUESDAY, MARCH 17, 2009**

**USDA Beltsville**

*Morning Schedule*

**9:00 am**

**Overview of the Clinical Research Program at the Beltsville Human Nutrition Research Center**

Dr. David Baer

**9:20 am**

**A Comprehensive Dose-Response Study of the Effects of Pistachios on CVD Risk Factors: A Translational Research Approach Integrating Clinical Nutrition and Molecular Biology**

Dr. Sarah Gebauer

**9:40 am**

**Biomarkers in Nutrition: Biological Effects of Almond Intake**

Dr. Craig Charron

**10:00 am**

**Current and Future Approaches to Clinical Nutrition Studies of Cancer Prevention**

Dr. Janet Novotny

**10:20 am**

**Enhancing Nutrient Content of Plant-Based Foods**

Dr. Steve Britz

**10:40 am**

**Q&A**

**11:00-11:30 am**

**Tour of Facilities**

*Afternoon Schedule*

**1:30 pm**

**Overview of the Clinical Research Program at the Beltsville Human Nutrition Research Center**

Dr. David Baer

**1:50 pm**

**Current and Future Approaches to Clinical Nutrition Studies of Cancer Prevention**

Dr. Janet Novotny

**2:10 pm**

**A Comprehensive Dose-Response Study of the Effects of Pistachios on CVD Risk Factors: A Translational Research Approach Integrating Clinical Nutrition and Molecular Biology**

Dr. Sarah Gebauer

**2:30 pm**

**Biomarkers in Nutrition: Biological Effects of Almond Intake**

Dr. Craig Charron

**2:50 pm**

**Enhancing Nutrient Content of Plant-Based Foods**

Dr. Steve Britz

**3:10 pm**

**Q&A**

**3:30 – 4:00 pm**

**Tour of Facilities**

**WEDNESDAY, MARCH 18, 2009**

***Antioxidants***

**8:30 – 8:50 am**

**9:00 – 9:20 am**

**9:30 – 9:50 am**

**10:00 - 10:20 pm**

**BREAK**

***Fish and Meat***

**10:50 – 11:10 am**

**11:20 – 11:40 am**

**LUNCH\***

***Dairy***

**1:00 – 1:20 pm**

**1:30 - 1:50 pm**

***Alcohol***

**2:00 – 2:20 pm**

**BREAK**

***Future Directions***

**3:00 – 3:20 pm**

***Bioenergetics***

**3:30 – 3:50 pm**

**4:00 – 4:20 pm**

**4:30 – 4:45 pm**

**Executive Plaza North Conference Rooms CDEF**

**Antioxidant Conundrum**

Dr. Harold Seifried

Nutritional Science Research Group, NCI

**Lycopene**

Dr. Nancy Emenaker

Nutritional Science Research Group, NCI

**Culinary Herbs and Spices**

Ms. Christie Kaefer

Division of Cancer Control and Population Sciences, NCI

**Garlic and Allyl Sulfurs**

Dr. John Milner

Nutritional Science Research Group, NCI

**Omega-3 Fatty Acids**

Dr. Cindy Davis

Nutritional Science Research Group, NCI

**Meat**

Dr. Rashmi Sinha

Division of Cancer Epidemiology and Genetics, NCI

**Calcium**

Dr. Nancy Emenaker

Nutritional Science Research Group, NCI

**Vitamin D**

Dr. Cindy Davis

Nutritional Science Research Group, NCI

**Alcohol Intake and Cancer Prevention**

Dr. Phil Taylor

Division of Cancer Epidemiology and Genetics, NCI

**Tea Time** – *sponsored by A Nu Healthy You, Kaur and Singh, Inc.*

**Future Research Directions of the ADA**

Dr. Esther Myers

Research and Scientific Affairs

American Dietetic Association, Chicago, IL

**Molecular Approaches to Obesity, Diet and Cancer Prevention**

Dr. Sharon Ross

Nutritional Science Research Group, NCI

**Physical Activity and Cancer Prevention**

Dr. Richard Troiano

Division of Cancer Control and Population Sciences, NCI

**Wrap-up**

**Total CPEUs: 7.5**

<b>8:00 – 8:30 am</b>	<b>Registration, Networking, and Light Breakfast</b>
<b>8:30 – 8:55 am</b>	<b>Welcome to NIH and the Clinical Center</b> Merel Kozlosky, MS, RD Director, Dietetic Internship and Supervisory Metabolic Dietitian Nutrition Department, Clinical Center, NIH
<b>8:55 – 9:15 am</b>	<b>The Role of the Clinical Research Dietitian at the NIH Clinical Center</b> Nancy Sebring, MEd, RD Clinical Research Dietitian Nutrition Department, Clinical Center, NIH
<b>9:15 – 10:00 am</b>	<b>Parade of Nutrition Protocols at the NIH Clinical Center</b> Beth Moylan, MPH, RD – Developing the Low Iodine Diet Jennifer Graf, MS, RD – Methylmalonic Acidemia: A Natural History Protocol Rachael Drabot, MPH, RD – Role of a Clinical Dietitian in Cancer Research at NIH Clinical Research Dietitians Nutrition Department, Clinical Center, NIH
<b>10:00– 10:15 am</b>	<b>Break</b>
<b>10:15 am – 10:45 am</b>	<b>Parade of Nutrition Protocols Continued</b> Amber Courville, PhD, RD – Metabolic Clinical Research Unit Protocols Metabolic Research Dietitian Nutrition Department, Clinical Center, NIH
<b>10:45 – 11:45 am</b>	<b>Monitoring Dietary Intakes of Americans: How Is It Done and What Are The Results?</b> Alanna J. Moshfegh, MS, RD Research Leader Food Surveys Research Group, Beltsville Human Nutrition Research Center Agricultural Research Service, USDA
<b>11:45 – 12:45 pm</b>	<b>Lunch in B1 Level Cafeteria</b> ( <i>NIH Dietetic Interns will serve as guides</i> )
<b>12:45 – 1:00 pm</b>	<b>Transit from B1 Level Cafeteria to Afternoon Breakout Sessions</b>

**Breakout Sessions**

<b>1:00 - 1:45</b>	<b>A1</b> NIH Clinical Center Tour	<b>A2</b> Botanical and “Other” Dietary Supplements: An Overview for RD Interns Marnie Dobbin, MS, RD	<b>A3</b> Assessing Dietary Intake: Focus on Food Frequency Questionnaires (FFQs) Nancy Sebring, Med, RD	<b>1:30-2:30 pm</b>  Tour of National Library of Medicine Shana Potash  *Practicum Participants  Location: Bldg 38A, Main Campus (Campus Shuttle available b/w buildings)
<b>2:00 - 2:45</b>	<b>B1</b> NIH Clinical Center Tour	<b>B2</b> Botanical and “Other” Dietary Supplements: An Overview for RD Interns Marnie Dobbin, MS, RD	<b>B3</b> Assessing Dietary Intake: Focus on Food Frequency Questionnaires (FFQs) Nancy Sebring, Med, RD	

*\*It is recommended that Practicum Participants attend the Tour of the National Library of Medicine; all others are welcome.*

<b>3:00 pm</b> <b>(Masur Auditorium)</b>	<b>Stars in Nutrition &amp; Cancer</b> Nanonutrition Frontiers: Lessons Learned from Imaging and Therapy Dr. Martin Philbert, University of Michigan
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<b>4:00 – 5:00 pm</b>	<b>Networking and Light Refreshments</b>
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**Total CPEUs: 7.5**

**FRIDAY, MARCH 20, 2009**

**Executive Plaza North Conference Rooms CDEF**

**8:00 – 8:20 am**

**Nutrigenomics: Ethics, Social, and Public Health Issues**  
Dr. Maria Agelli  
Nutritional Science Research Group, NCI

**8:30 – 8:50 am**

**Survivorship**  
Dr. Kate Weaver  
Office of Cancer Survivorship  
Division of Cancer Control and Population Sciences, NCI

**9:00 – 9:20 am**

**The Role of Evidence-Based Reviews for Nutrition Topics: The ODS Experience**  
Dr. Paul Coates  
Office of Dietary Supplements, NIH

**9:30 – 9:50 am**

**Food, Nutrition, Physical Activity and the Prevention of Cancer: A Global Perspective**  
Dr. Susan Higginbotham  
American Institute of Cancer Research  
Washington, DC

**BREAK**

**10:30 – 10:50 am**

**Research Training and Career Development Opportunities Supported by the NCI**  
Dr. Lester S. Gorelic  
Cancer Training Branch, NCI

**11:00 – 11:20 am**

**Consumer Messages**  
Ms. Elizabeth Rahavi  
International Food Information Council  
Washington, DC

**LUNCH\***

**12:30 – 12:50 pm**

**Outcomes Assessment of the Nutrition and Cancer Prevention Research Practicum**  
Ms. Jen Meltz  
San Jose State University

**1:00 -3:00 pm**

**Communicating your Message**  
Ms. Nan Tolbert  
The Communication Center®  
Susan Peterson Productions Inc.

**2:30 – 3:00 pm**

**Wrap Up**

**Total CPEUs: 6.0**